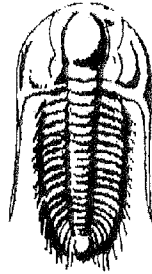


15-12s-18w

IND



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Sandlin Oil**

621 17th. St. ste. 2055
Denver Co
80293

ATTN: Herb Denis

15-12-18 Ellis KS

Karlin #2

Start Date: 2009.08.18 @ 07:56:38

End Date: 2009.08.18 @ 14:43:32

Job Ticket #: 35208 DST #: 1

15-051-25887-0000

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Sandlin Oil

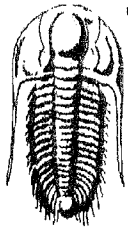
Karlin #2

15-12-18 Ellis KS

DST # 1

Arbuckle

2009.08.18



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Sandlin Oil
621 17th. St. ste. 2055
Denver Co
80293
ATTN: Herb Denis

Karlin #2
15-12-18 Ellis KS
Job Ticket: 35208 **DST#: 1**
Test Start: 2009.08.18 @ 07:56:38

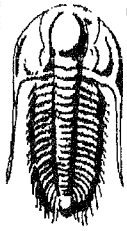
Tool Information

Drill Pipe:	Length: 3613.00 ft	Diameter: 3.80 inches	Volume: 50.68 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 60.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 55000.00 lb
		Total Volume:	50.98 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	3682.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	44.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3667.00	
Hydraulic tool	5.00			3672.00	
Packer	5.00			3677.00	20.00 Bottom Of Top Packer
Packer	5.00			3682.00	
Stubb	1.00			3683.00	
Recorder	0.00	8018	Inside	3683.00	
Recorder	0.00	8371	Inside	3683.00	
Perforations	20.00			3703.00	
Bullnose	3.00			3706.00	24.00 Bottom Packers & Anchor
Total Tool Length:	44.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Sandlin Oil
621 17th. St. ste. 2055
Denver Co
80293
ATTN: Herb Denis

Karlin #2
15-12-18 Ellis KS
Job Ticket: 35208 **DST#: 1**
Test Start: 2009.08.18 @ 07:56:38

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	25000 ppm
Viscosity: 45.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.93 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3600.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	MW 80%W, 20%M	1.137
1625.00	REVERSED OUT M&OCW 10%O, 85%W, 5%	22.794
180.00	GW & MCO 10%G, 45%O, 15%W, 30%M	2.525
90.00	GW & MCO 10%G, 55%O, 20%W, 15%M	1.262
0.00	45' GIP	0.000

Total Length: 2015.00 ft Total Volume: 27.718 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW .256 @ 78F = 25000ppm chlorides

Pressure vs. Time

